

10/571507  
IAP6 Rec'd PCT/PTO 10 MAR 2006

**NATIONAL PHASE  
UTILITY APPLICATION**  
**Transmittal to the (DO/EO/US)**  
**Under 35 USC 371**

Attorney Docket No.: WAKAB97.001APC  
First Named Inventor: Daisuke ITOH  
Int'l Application No.: PCT/JP2004/013229  
Int'l Filing Date: September 10, 2004  
Priority Date Claimed: September 12, 2003  
Title: METAL NANOPARTICLE DISPERSION USABLE FOR  
EJECTION IN THE FORM OF FINE DROPLETS TO BE  
APPLIED IN THE LAYERED SHAPE  
Express Mail Label No.: EV 766657026 US

**Direct all correspondence to Customer No.: 20995**

Date: March 10, 2006  
Page 1 of 2

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The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

- |                    |                      |
|--------------------|----------------------|
| 1. Daisuke ITOH    | 2. Akihito IZUMITANI |
| 3. Noriaki HATA    | 4. Yorishige MATSUBA |
| 5. Kazuhiro MURATA | 6. Hiroshi YOKOYAMA  |

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
  - (X) PCT/IB/308 enclosed.
- (X) An English translation of the International Application as filed is attached hereto.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.
- (X) A Declaration and Power of Attorney signed by the inventors (35 U.S.C. § 371(c)(4)).

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in eight (8) pages.
- (X) Drawings in two (2) sheets.
- (X) Recordation form cover sheet and Assignment in 3 total pages (cover sheet & assignment).
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing and enclosing four (4) references.
- (X) International Application as published-face sheet only
- (X) International Search Report.

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Page 2 of 2

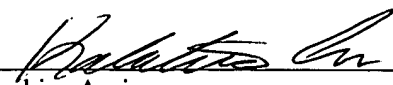
- (X) PCT Forms PCT/IB/304, PCT/ISA/237 and Request forms.  
(X) Return prepaid postcard.

**FILING FEES:**

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		1631 (\$300)		\$300
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1640 (\$0)		
(2)	USPTO was the ISA (noncompliant claims)	1641 (\$100)		
(3)	Foreign Search Report Enclosed	1642 (\$400)		
(4)	No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1643 (\$0)		
(2)	Non US IPEA or Noncompliant Claims	1633 (\$200)		
Excess Claims	18 - 20 = 0	1615 (\$50)	0 x 50 =	\$0
Excess Ind. Claims	2 - 3 = 0	1614 (\$200)	0 x 200 =	\$0
Assignment		8021 (\$40)	1 x 40 =	\$40
			<b>TOTAL FEE DUE</b>	<b>\$940</b>

- (X) A check in the amount of **\$940.00** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
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Alexandria, VA 22313-1450**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No. :** WAKAB97.001APC

**Applicant(s) :** Daisuke ITOH, et al.

**For :** METAL NANOPARTICLE DISPERSION USABLE  
FOR EJECTION IN THE FORM OF FINE DROPLETS  
TO BE APPLIED IN THE LAYERED SHAPE

**Attorney :** Katsuhiro Arai

**"Express Mail"**  
**Mailing Label No. :** EV 766657026 US

**Date of Deposit :** March 10, 2006

I hereby certify that the accompanying

Transmittal; English Translation of the Application in 76 pages; Drawings in 2 sheets; Preliminary Amendment in 8 pages; SIGNED Declaration and Power of Attorney in 3 pages; Information Disclosure Statement, PTO/SB/08 Equivalent with 4 references; Assignment; Recordation Form Cover Sheet in 3 pages; International Application as Published-face sheet only; International Search Report; PCT Forms PCT/IB/304 and 308, PCT/ISA/237 and PCT Request forms; \$940.00 Check for Patent Application and Assignment Filing Fees; Return Prepaid Postcard

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Nelson Merida

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